

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number  
**WO 2005/041837 A3**

(51) International Patent Classification<sup>7</sup>: **A61G 1/02, 7/08**

(21) International Application Number:  
PCT/IL2004/000973

(22) International Filing Date: 26 October 2004 (26.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
158683 30 October 2003 (30.10.2003) IL

(71) Applicant (for all designated States except US): **SAVION INDUSTRIES (1987) LTD.** [IL/IL]; 7 Hamada Street, Northern Industrial Area, 77140 Ashdod (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ZIMBALISTA, Dov** [IL/IL]; 32 Melchet Street, 55292 Kiryat Ono (IL). **ZIMBALISTA, Ran** [IL/IL]; Meshek 5, 83800 Moshav Avigdor (IL).

(74) Agent: **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

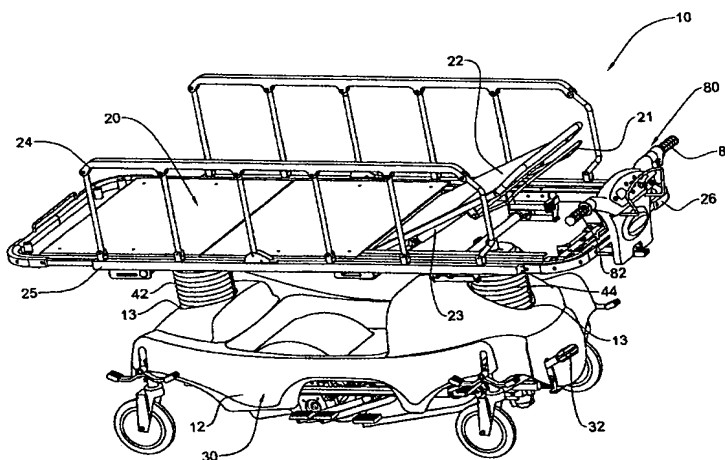
**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
2 June 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **MANEUVERABLE DEVICE FOR TRANSPORTING LOADS OVER A SURFACE**



(57) Abstract: A maneuverable device for transporting a load over a surface, which finds particular application in a hospital bed for the transportation of patients and in a wheelchair for transporting patients or passengers in an air terminal, for example. The device has a platform for supporting a load to be transported mounted on a base comprising a plurality of castors. One or more one auxiliary wheels are mounted for rotation about at least one fixed axis with respect to said base, and a power unit configured for providing motive power to the auxiliary wheels is provided. A driving unit is provided for steering the device, the driving unit operating independently of the auxiliary wheels.

WO 2005/041837 A3